A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended February 28, 1986 NO. 9

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 02/28/86	Last Week Ending: 02/21/86	Last Year Week Ending: 03/01/85	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units	12,221	12,343	11,574	-122	647
Operable capacity	15,674	15,674	15,621	0	53
Percent operated	78.0	78.7	74.1		
Motor Gasoline					
Total motor gasoline production	6,592	6,499	5,895	93	697
Finished leaded motor gasoline production	1,893	1,942	2,243	51	-250
Finished unleaded motor gasoline production	4,599	4,557	3,652	42	947
Total motor gasoline stocks	244,484	241,614	227,278	2,870	17,206
Finished leaded motor gasoline stocks	80,741	79,937	83,476	804	-2,735
Finished unleaded motor gasoline stocks	125,806	121,787	107,092	4,019	18,714
Distillate Fuel Oil					
Distillate fuel oil production	2,594	2,726	2,416	-132	178
Distillate fuel oil stocks	114,581	122,691	123,402	-8,110	-8,821
Residual Fuel Oil					
Residual fuel oil production	799	963	1,069	-164	-270
Residual fuel oil stocks	41,859	45,040	47,079	-3,181	-5,220
Imports					
Crude oil imports	3,233	2,960	2,685	273	548
Product imports	1,908	1,724	1,423	184	485
Crude Oil Stocks					
Crude oil stocks	333,318	329,460	320,166	3,858	13,152

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 67 For Week Ended February 28, 1986 NO. 9

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,218	975	988	1,487	66.4
Appal. No. 1	101	97	97	116	83.6
DISTRICT 1 TOTAL	1,319	1,072	1,085	1,603	67.7
Appal. No. 2	67	60	60	66	90.9
Ind., Ill., Ky.	1,844	1,660	1,672	2,176	76.8
Minn., Wis., Daks.	304	290	290	301	96.3
Okla., Kans., Mo.	660	571	575	726	79.2
DISTRICT 2 TOTAL	2,875	2,581	2,597	3,269	79.4
Inland Texas	627	475	478	547	87.4
Texas Gulf Coast	3,336*	2,861*	2,953*	3,736	79.0*
La. Gulf Coast	2,169	2,120	2,127	2,608	31.6
N. La. and Ark.	200	187	189	250	75.6
New Mexico	68	59	61	68	89.7
DISTRICT 3 TOTAL	6,400*	5,702*	5,808*	7,209	80.6*
DISTRICT 4 TOTAL	388	381	384	559	68.7
DISTRICT 5 TOTAL	2,488*	2,329*	2,347*	3,034	77.4*
TOTAL U.S.	13,470	12,065	12,221	15,674	78.0
TOTAL U.S.					
Weeks Ended:					
FEB. 21, 1986	13,553*	12,160*	12,343*	15,674	78.7*
MAR. 1, 1985	12,448	11,430	11,574	15,621	74.1
DISTRICTS 1-4					
Weeks Ended:					
FEB. 28, 1986	10,982	9,736	9,874	12,640	78.1
FEB. 21, 1986	11,276*	9,933*	10,098*	12,640	79.9*
MAR. 1, 1985	10,229	9,332	9,476	12,570	75.4

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended February 28, 1986

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	599	139	460	18	34	273	138
Appal. No. 1	39	10	29	--	--	29	4
DISTRICT 1 TOTAL	638	149	489	18	34	302	142
Appal. No. 2	41	17	24	--	--	16	2
Ind., Ill., Ky.	1,044	316	728	15	134	326	58
Minn., Wis., Daks.	165	57	108	3	16	75	6
Okla., Kans., Mo.	349	152	197	1	66	130	11
DISTRICT 2 TOTAL	1,599	542	1,057	19	216	547	77
Inland Texas	300	115	185	34	33	104	17
Texas Gulf Coast	1,613	467	1,146	50	315	607	133
La. Gulf Coast	1,072	277	795	25	262	439	58
N. La. and Ark.	58	22	36	10	--	56	13
New Mexico	35	17	18	8	1	13	--
DISTRICT 3 TOTAL	3,078	898	2,180	127	611	1,219	221
DISTRICT 4 TOTAL	195	85	110	15	33	103	6
DISTRICT 5 TOTAL	1,082	319	763	26	277	423	353
TOTAL U.S.	6,592	1,993	4,599	205	1,171	2,594	799
TOTAL U.S. Weeks Ended:							
FEB. 21, 1986	6,499	1,942	4,557	197	1,171	2,726	963
MAR. 1, 1985	5,895	2,243	3,652	192	1,013	2,416	1,069
DISTRICTS 1-4 Weeks Ended:							
FEB. 28, 1986	5,510	1,674	3,836	179	894	2,171	446
FEB. 21, 1986	5,537	1,657	3,880	155	876	2,319	587
MAR. 1, 1985	5,069	1,956	3,113	151	726	2,071	641

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended February 28, 1986

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,628	2,069	4,558	1	172	598	5,229	1,537	--
Central Atlantic	36,143	11,143	20,662	4,338	700	3,776	21,462	12,752	10,292
Lower Atlantic	28,910	10,472	18,131	307	495	3,886	12,525	3,329	369
DISTRICT 1 TOTAL	71,681	23,684	43,351	4,646	1,367	8,260	39,216	17,618	10,661
DISTRICT 2 TOTAL	68,330	25,951	34,411	7,968	987	8,418	33,745	3,906	13,973
DISTRICT 3 TOTAL	65,989	18,475	32,376	15,138	2,313	12,697	26,103	10,854	50,488
DISTRICT 4 TOTAL	8,193	2,900	2,674	2,619	538	830	2,919	363	1,978
DISTRICT 5 TOTAL	30,291*	9,731	12,994	7,566*	1,687	5,934	12,598	9,118	24,524*
TOTAL U.S.	244,484	80,741	125,806	37,937	6,892	36,139	114,581	41,859	101,624
TOTAL U.S.									
Weeks Ended:									
FEB. 21, 1986	241,614*	79,937	121,787	39,890*	6,822	36,800	122,691	45,040	103,654*
MAR. 1, 1985	227,278	83,476	107,092	36,710	5,958	34,755	123,402	47,079	98,422
DISTRICTS 1-4									
Weeks Ended:									
FEB. 28, 1986	214,193	71,010	112,812	30,371	5,205	30,205	101,983	32,741	77,100
FEB. 21, 1986	211,037	70,939	108,604	31,494	4,904	30,810	110,678	35,598	78,393
MAR. 1, 1985	196,745	73,733	94,687	28,325	4,492	28,572	113,120	36,762	73,114

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil

*See revisions on page 7
NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended February 28, 1986

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Oct. 1985	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
		Daily Average			
DISTRICTS 1-4 TOTAL					
FEB. 28, 1986	5,863.5	5,912.0	2,892	582	248,455
FEB. 21, 1986	5,863.5	--	2,683	473	246,238*
FEB. 14, 1986	5,863.5	--	2,697	435	250,097
FEB. 7, 1986	5,912.5	--	2,946	368	252,054
DISTRICT 5 TOTAL					
FEB. 28, 1986	3,067.5	3,038.0	341	50	84,863 ‡
FEB. 21, 1986	3,067.5	--	277*	24	83,222*
FEB. 14, 1986	3,067.5	--	209	9	77,985
FEB. 7, 1986	3,037.7	--	116	21	81,979
TOTAL U.S.					
FEB. 28, 1986	8,931.0	8,950.0	3,233	632	333,318 ‡
FEB. 21, 1986	8,931.0	--	2,960*	497	329,460*
FEB. 14, 1986	8,931.0	--	2,906	444	328,082
FEB. 7, 1986	8,950.2	--	3,062	389	334,033
MAR. 1, 1985	8,868.0/a	--	2,685	381	320,166

‡INCLUDES 27,958 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE actual for February 1985

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
FEB. 28, 1986	13,975	74,341	146,506	13,633	248,455	84,863 ‡	333,318 ‡
FEB. 21, 1986	14,462	72,776	145,885*	13,115	246,238*	83,222*	329,460*
MAR. 1, 1985	13,443	68,523	136,490	13,569	232,025	88,141	320,166

[1]See definitional notes, Page 6.

*See revisions on page 7

API WEEKLY STATISTICAL BULLETIN
Week Ended February 28, 1986

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline Finished Leaded	Motor Gasoline Finished Unleaded	Gasoline[2] Blending Components	Jet Fuel Naphtha Type	Jet Fuel Kerosine Type	Distillate Fuel Oil[3]	Residual Fuel Oil	L.P.G.	Unfinished Oil	Other	Total
New England	45	--	45	--	--	--	--	60	4	--	--	109
Central Atlantic	279	61	218	62	3	26	26	536	48	38	128	1,146
Lower Atlantic	--	--	--	--	--	21	--	--	--	--	--	21
DISTRICT 1 TOTAL												
FEB. 28, 1986	324	61	263	62	3	47	26	596	52	38	128	1,276
FEB. 21, 1986	318	59	259	50	--	13	39	625	26	23	186	1,280
FEB. 14, 1986	468	109	359	42	9	45	110	556	35	59	--	1,324
FEB. 7, 1986	284	34	250	39	--	17	339	374	126	--	186	1,365
DISTRICTS 2-4 TOTAL												
FEB. 28, 1986	13	1	12	--	--	--	3	57	213	150	98	534
FEB. 21, 1986	17	4	13	15	--	--	--	26	112	113	99	382
FEB. 14, 1986	27	3	24	2	--	--	2	27	262	53	117	490
FEB. 7, 1986	14	--	14	2	--	--	9	23	302	57	77	484
DISTRICT 5 TOTAL												
FEB. 28, 1986	40	6	34	--	--	7	9	8	18	1	15	98
FEB. 21, 1986	20	7	13	14	--	7	--	5	5	--	11	62
FEB. 14, 1986	30	5	25	9	--	6	2	11	12	1	--	71
FEB. 7, 1986	13	--	13	12	--	--	12	9	12	--	14	72
TOTAL U.S.	377	68	309	62	3	54	38	661	283	189	241	1,908
TOTAL U.S.												
Weeks Ended:												
FEB. 21, 1986	355	70	285	79	--	20	39	656	143	136	296	1,724
FEB. 14, 1986	525	117	408	53	9	51	114	594	309	113	117	1,885
FEB. 7, 1986	311	34	277	53	--	17	360	406	440	57	277	1,921
MAR. 1, 1985	367	171	196	N/A	--	21	153	473	189	92	128	1,423

[1] Total motor gasoline imports is equal to the sum of finished imports and finished unleaded imports.

[2] Gasoline blending component imports are not included in total motor gasoline imports.

[3] Includes Grade No. 4 fuel oil.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the components stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subsequent date as more current information is received.

Crude Oil Imports

Crude oil (includes lease condensate) produced outside the 50 states. Material from the Athabasca tar sands is included.
Reported on a Port of Entry basis.
The Total of crude oil imports includes those from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleased gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistical Department based on data collected from reporting companies.

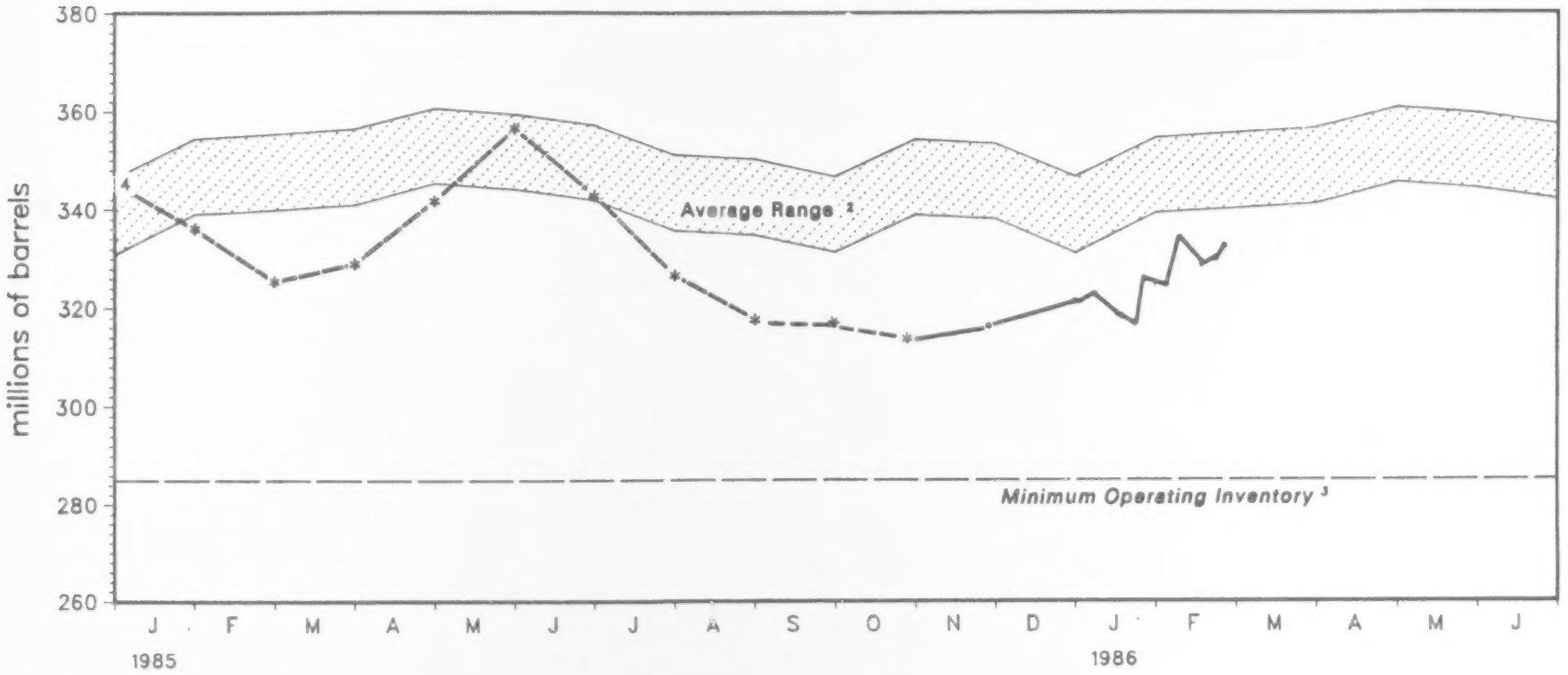
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

REVISIONS

02/21/86	PAGE 1	TOTAL REFINERY INPUT	TEXAS GULF COAST	3,409
			DISTRICT 3 TOTAL	6,605
			DISTRICT 5 TOTAL	2,277
			TOTAL U.S.	13,553
			DISTRICTS 1-4	11,276
		CRUDE OIL RUNS	TEXAS GULF COAST	2,953
			DISTRICT 3 TOTAL	5,774
			DISTRICT 5 TOTAL	2,227
			TOTAL U.S.	12,160
			DISTRICTS 1-4	9,933
		INPUT TO CRUDE OIL	TEXAS GULF COAST	3,069
			DISTRICT 3 TOTAL	5,899
			DISTRICT 5 TOTAL	2,245
			TOTAL U.S.	12,343
			DISTRICTS 1-4	10,098
		% OPERABLE	TEXAS GULF COAST	82.1
			DISTRICT 3 TOTAL	81.8
			DISTRICT 5 TOTAL	74.0
			TOTAL U.S.	78.7
			DISTRICTS 1-4	79.9
	PAGE 3	TOTAL MOGAS	DISTRICT 5 TOTAL	30,577
			TOTAL U.S.	241,614
		BLENDING COMPS	DISTRICT 5 TOTAL	8,396
			TOTAL U.S.	39,890
		UNFINISHED OILS	DISTRICT 5 TOTAL	25,261
			TOTAL U.S.	103,654
	PAGE 4 T	TOTAL CRUDE OIL IMPORTS	DISTRICT 5 TOTAL	277
			TOTAL U.S.	2,960
		CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	246,238
			DISTRICT 5 TOTAL	83,222
			TOTAL U.S.	329,460
	PAGE 4 B	TOTAL	PAD DISTRICT 3	145,885
			TOTAL PAD DISTRICTS 1-4	246,238
			PAD DISTRICT 5	83,222
			TOTAL U.S.	329,460

Week Ended February 28, 1986

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 – June 1984.*

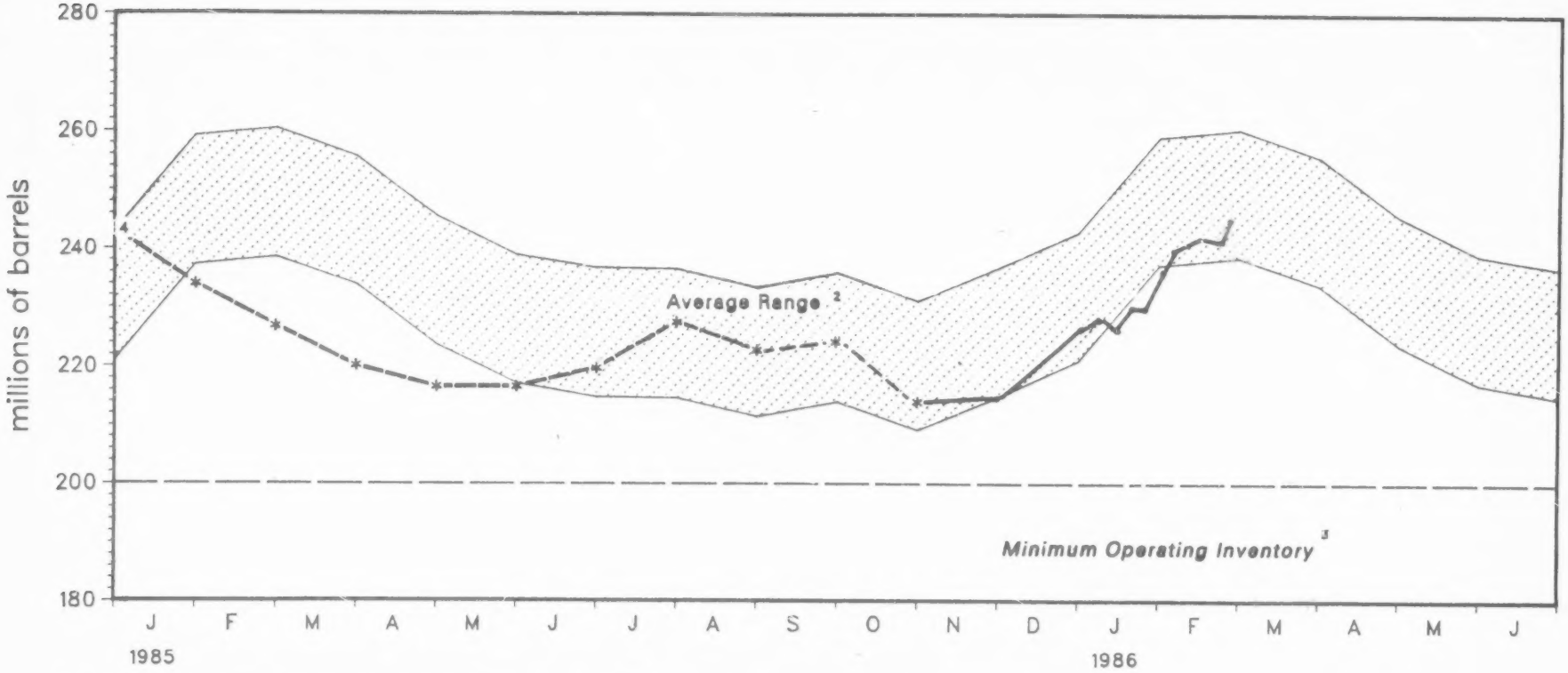
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: *——EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•——API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended February 28, 1986

Motor Gasoline Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on six years of monthly data: July 1978 – June 1984.*

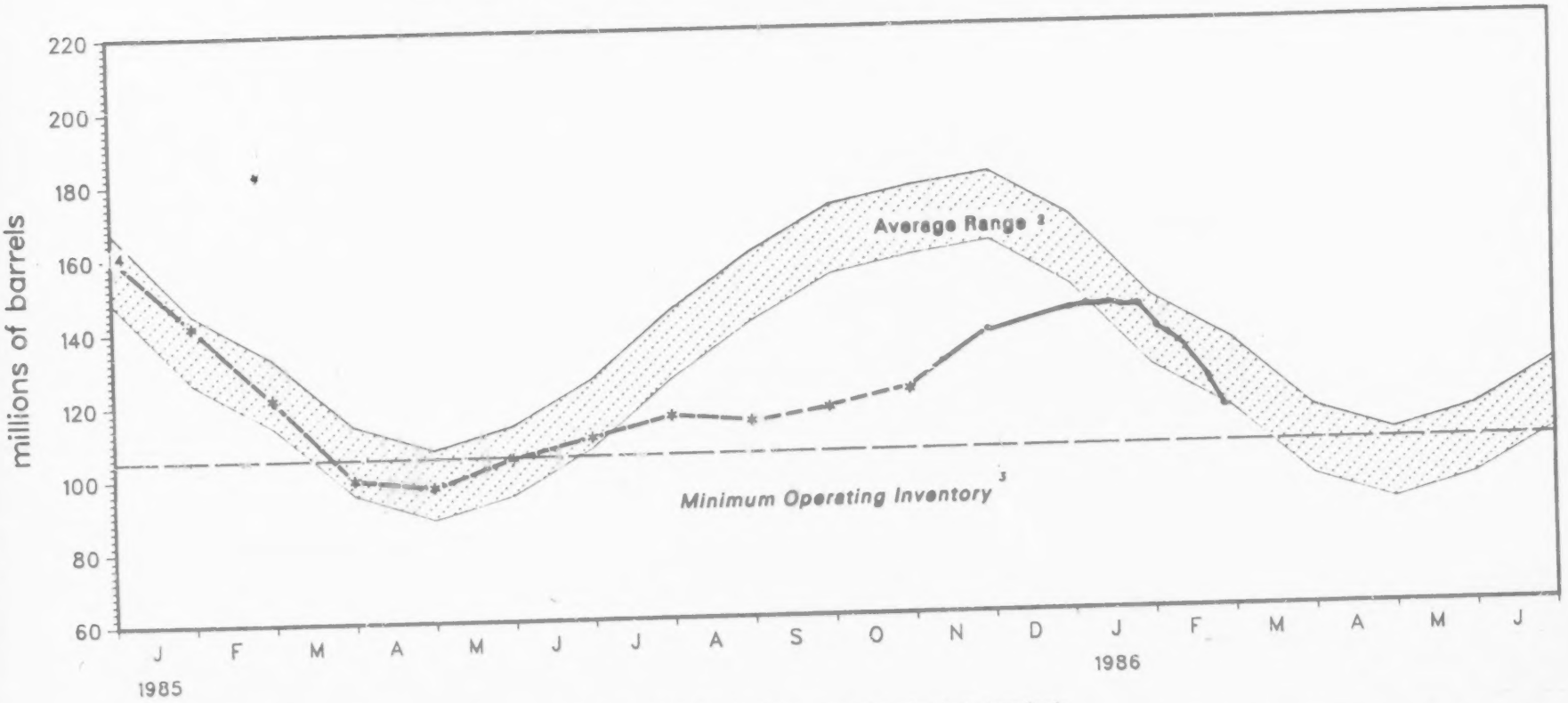
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: *—— EIA, Energy Data Reports, Petroleum Statement, Monthly.*
•—— API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Week Ended February 28, 1986

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1982 – June 1985. The seasonal pattern is based on seven years of monthly data: July 1977 – June 1984.

[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.

[4] Source: *—— EIA, Energy Data Reports, Petroleum Statement, Monthly.
•—— API, Weekly Statistical Bulletin.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.